## CLAIMS

1. An RF tracking system, comprising:

a shell for holding a plurality of containers for storing a material which interferes with RF communications, the shell including a bottom container supporting surface and a plurality of leg extensions attached thereto and extending away from the bottom surface;

at least one RF tag attached to a first one of the leg extensions and including a memory arrangement storing data relating to at least one of an identity of the shell, an identity of the containers held in the shell and a material stored in the containers:

at least one RF scanner communicating with the tag to collect the data; and

a computing arrangement including a database and communicating with the scanner to update the database as a function of the collected data,

wherein the tag is situated at a predetermined distance away from the containers held in the shell to overcome an electromagnetic dampening effect of the material.

- 2. The system according to claim 1, wherein the material includes at least one of a liquid and a metal.
- 3. The system according to claim 1, wherein the computing arrangement updates the database in real time.
- 4. The system according to claim 1, wherein the at least one RF tag is mounted on the first extension leg in such a manner that when the shell rests on the plurality of leg extensions, the RF tag is maintained substantially parallel to the RF scanner.

- 5. The system according to claim 1, wherein a further RF tag is attached to a second one of the plurality of leg extensions, the second leg extension being located diagonally opposite to the first leg extension.
- 6. The system according to claim 1, wherein the tag has a substantially L shape.
- 7. The system according to claim 1, wherein the tag is embedded within the leg extension.
- 8. The system according to claim 1, wherein the tag includes one of an active RF tag and a passive RF tag.
- 9. The system according to claim 1, wherein the tag and the material is separated by a predetermined distance.
- 10. The system according to claim 9, wherein the predetermined distance corresponds a wavelength of a radio wave utilized for the RF communications between the tag and the scanner.
- 11. The system according to claim 1, wherein the computing arrangement generates a response signal as a function of the collected data.
- 12. The system according claim 11, wherein the response signal is transmitted to the tag to update the data.
- 13. A shell for holding a plurality of containers which stores a material, comprising:
  - a bottom container supporting surface;
  - a plurality of leg extensions attached thereto and extending

away from the bottom surface; and

at least one RF tag attached to a first one of the leg extensions and including a memory arrangement storing data relating to at least one of an identity of the shell, an identity of the containers and a material stored in the containers, the tag being situated at a predetermined distance away from the containers to overcome an electromagnetic dampening effect of the material which interferes with RF communications between the tag and an RF scanner.

- 14. The shell according to claim 13, wherein the scanner collects the data from the tag and provides the collected data to a computing arrangement for processing.
- 15. The shell according to claim 13, wherein the material includes at least one of a liquid and a metal.
- 16. The shell according to claim 13, wherein the shell has a substantially rectangular shape.
- 17. The shell according to claim 13, wherein the at least one RF tag is mounted on the first extension leg in such a manner that when the shell rests on the plurality of leg extensions, the RF tag is maintained substantially parallel to the RF scanner.
- 18. The shell according to claim 13, wherein a further RF tag is attached to a second one of the plurality of leg extensions, the second leg extension being located diagonally opposite to the first leg extension.
- 19. The shell according to claim 13, wherein the tag has a substantially L shape.

- 20. The shell according to claim 13, wherein the tag is embedded within the leg extension.
- 21. The shell according to claim 13, wherein the tag includes one of an active RF tag and a passive RF tag.
- 22. The shell according to claim 13, wherein the tag and the material is separated by a predetermined distance.
- 23. The shell according to claim 22, wherein the predetermined distance corresponds a wavelength of a radio wave utilized for the RF communications between the tag and the scanner.
- 24. A method, comprising the steps of:

scanning with an RF scanner to detect presence of an RF tag, the RF tag being attached to a shell which holds a plurality of containers for storing a material which interferes with RF communications, the shell including a bottom container supporting surface and a plurality of leg extensions attached thereto and extending away from the bottom surface, the RF tag attached to a first one of the leg extensions and including a memory arrangement storing data relating to at least one of an identity of the shell, an identity of the containers held in the shell and a material stored in the containers:

obtaining data from the RF tag the RF scanner;
providing the data to a computing arrangement; and
generating a predetermined response by the computing
arrangement as a function of the collected data and predefined
rules,

wherein the RF tag is situated at a predetermined distance away from the containers held in the shell to overcome an electromagnetic dampening effect of the material.

- 25. The method according to claim 24, wherein the material includes at least one of a liquid and a metal.
- 26. The method according to claim 24, wherein the predetermined response is to update a database of the computing arrangement as a function of the collected data.
- 27. The method according to claim 24, wherein the at least one RF tag is mounted on the first extension leg in such a manner that when the shell rests on the plurality of leg extensions, the RF tag is maintained substantially parallel to the RF scanner.
- 28. The method according to claim 24, wherein a further RF tag is attached to a second one of the plurality of leg extensions, the second leg extension being located diagonally opposite to the first leg extension.
- 29. The method according claim 24, further comprising the step of:

proving the response to the RF tag via the RF scanner.